



MODEL NO : EV-2131A

INSTRUCTION MANUAL

ATTENTION

For your protection in the event of theft or loss of this product, please fill-in the information requested below which is for your own personal records.

Model No. _____ Serial No. _____
(Located on back side of unit)

Date Purchased _____

Where Purchased _____

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN, WATER OR WET LOCATIONS.

DESCRIPTION

Designed for use with advanced level personal or small business computer systems, these high performance data display monitors feature an anti-reflective viewing screen, computer matched styling and high resolution data display. With 5 X 7 dot characters as the input, monitor resolution and computer compatible scanning provide a display capability of up to 24 lines of characters with 80 characters per line. Data displayed on Model EV-2131A is crisp white on black. For maximum long term viewing comfort, Model EV-2131A features crisp green on black data display. Convenient up-front controls permit easy adjustment of display brightness and contrast. Standard signal input is 1.0 volt p-p composite video, 75 ohm terminated.

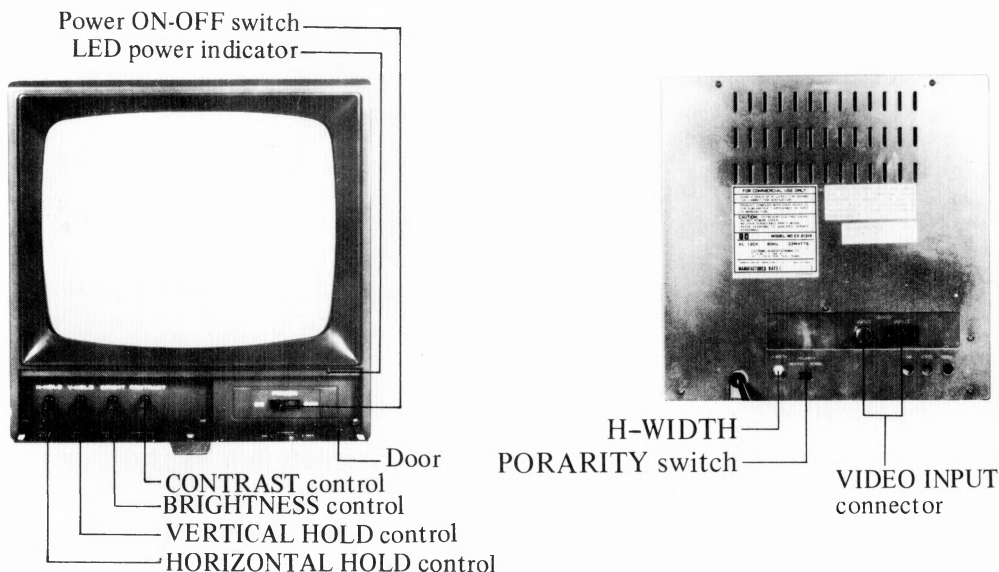
FEATURES

- * Anti-reflective, 75 square inch viewing screen
- * High resolution data display
- * Computer compatible 80 character X 24 line display format
- * Attractive, computer matched styling
- * Convenient, up-front display brightness control
- * Easy care vinyl clad steel cabinet
- * Recessed carrying handle
- * LED power indicator

CAUTION

- (1) Do not install this monitor in an excessively hot location, or in any way obstruct the ventilation holes located on the bottom and rear of the cabinet. Premature component failure or damage to the cabinet may result.
- (2) When this monitor is not to be used for several days, it is advisable that the AC power cord be disconnected from the utility outlet.
- (3) Some common household aerosol sprays, cleaning agents, solvents or polishes may cause damage to the cabinet finish. Best results for cleaning are obtained with mild soap and water, and a soft cloth for drying.
- (4) Height and Vertical Linearity controls located on the rear panel are for special adjustments which should be performed only by qualified service personnel.

IDENTIFICATION AND OPERATION OF CONTROLS



AC POWER CORD

Connect POWER CORD to utility outlet supply power with 117 VAC, 60Hz/220VAC, 50Hz/240 VAC, 50 Hz. (as indicate in the RATING LABEL only)

POWER ON-OFF SWITCH

This rocker switch provides power on-off control. Push side with white dot for power "ON", opposite side for power "OFF".

LED POWER INDICATOR

Illuminates to indicate that power is "ON".

BRIGHTNESS CONTROL

This control permits adjustment of overall picture brightness and is used to compensate for differences in room lighting.

CONTRAST CONTROL

This control permits adjustment of the contrast between the white/green and black portions of the data display.

VERTICAL HOLD CONTROL

This control permits adjustment of vertical stability. In the event the picture “rolls” upward or downward as shown in Fig. 1, turn the VERTICAL HOLD control clockwise or counterclockwise until the picture stabilizes.



Fig. 1

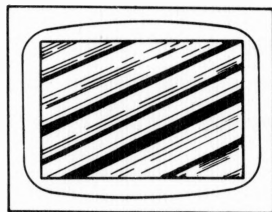


Fig. 2

HORIZONTAL HOLD CONTROL

This control permits adjustment of horizontal stability. In the event the picture “tears” leftward or rightward as shown in Fig. 2, turn the HORIZONTAL HOLD control clockwise or counterclockwise until the picture stabilizes.

POLARITY SWITCH —

“NORMAL” or “INVERSE”

NORMAL: When the polarity switch is at the “NORMAL” position, the normal white on black display is evident.

INVERSE: When the polarity switch is at the “INVERSE” position, the display is black on white.

VIDEO INPUT CONNECTORS

This phonojack or UHF connector (SO-239) accepts the 1.0 volt p-p video data signal from the computer. Input impedance is fixed at 75 ohms. Use a coaxial cable with phonoplug or a type PL-259 plug for this connection.

INSTALLATION

- (1) Pick a convenient location for your new data display monitor but take care to observe the important information in the section titled "CAUTION", page 2.
- (2) The power cord should be connected to a utility outlet supplying 117 VAC, 60 Hz/220VAC, 50Hz/240VAC, 50Hz. (as indicate in the RATING LABEL only)
- (3) Using a coaxial cable with a phonoplug at one end and the computer manufacturer's mating connector at the other, interconnect the monitor's video input with the computer's composite video output. Note: Some computers are equipped with an RF output for use with a standard TV receiver. Make no connection to this RF output as the data display monitor cannot use this type of signal for data display.

OPERATION

1. Install the EV-2131A as outlined in the section titled "INSTALLATION". Be sure that a standard 1.0 volt p-p data signal is applied to the monitor's VIDEO INPUT.
2. To turn the monitor on, press the ON-OFF switch. Observe that the LED power indicator illuminates.
3. After approximately 30 seconds, a display will appear on the monitor screen.

Note: The Model EV-2131A features DC restoration and the monitor screen will be fully black (no raster) in the absence of a video signal.

4. Adjust the brightness and contrast controls to obtain optimum display quality.
5. The monitor should now be displaying bright, clear data.

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna
- Relocate the computer with respect to the receiver
- Move the computer away from the receiver
- Plug the computer into a different outlet so that computer and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

“How to Identify and Resolve Radio/TV Interference Problems”

This booklet is available from the U.S. Government Printing Office
Washington, D.C. 20402 Stock No. 004-000-00345-4

Dear Customer:

Your monitor has been constructed with the finest materials and labor skills available. We have designed the unit to give you many years of trouble free service.

WARRANTY

LABOR	90 days	
PARTS	1 year	(PARTS ONLY NOT LABOR)
CRT SCREEN	1 year	(CRT ONLY NOT LABOR)

EA warrants this unit to be free from defects and workmanship as listed above. Should the unit be tampered with damaged or wrongs parts installed or serviced by unqualified persons. This warranty shall no longer be in force. EA does not recognize or authorize any warranty other than above.

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